

**APhA
Contributed
Papers
Program**

APhA2023 CALL for ABSTRACTS

**American Pharmacists Association
Annual Meeting & Exposition**

Visit www.aphameeting.pharmacist.com
to submit an abstract or obtain
detailed program information

March 24–27, 2023 | Phoenix, Arizona

SUBMISSION DEADLINE: WEDNESDAY | OCTOBER 5, 2022 | 11:59PM ET

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IMPORTANT SUBMISSION INFORMATION

- The abstract system uses a single sign-on based on your pharmacist.com email address and password. Use only your pharmacist.com email address.
- If you do not recall your username and password, go to pharmacist.com and click on Login to retrieve your username and password. You can also update your username and password, if necessary.
- If you do not have an APhA account, please create one at www.pharmacist.com. Click on Login, then click on Register.
- Use an email address that you check often and will have access to until at least March 30, 2023. The system will not send emails to alternate email addresses, and you may otherwise miss valuable information and access to your abstracts.

GENERAL INFORMATION

The APhA Contributed Papers Program is an important element of APhA's educational programming for pharmacists and pharmacy technicians. This program challenges practitioners, scientists, researchers, pharmacy technicians, pharmacy residents, faculty/preceptors, student pharmacists, and graduate students by providing a forum in which they can share practice information, disseminate research findings, and educate colleagues.

All investigators are invited to submit abstracts on topics pertaining to pharmacy practice and pharmacy-focused scientific research. Projects must address issues relevant to practicing pharmacists and pharmaceutical scientists.

All submissions will be considered for poster presentation. Submissions in the basic sciences; clinical sciences; and economic, social, and administrative sciences (ESAS) research areas may also be considered for a podium presentation.

Details are provided below, including instructions for writing and submitting an abstract as well as an overview of the review process. Please carefully read this entire document prior to accessing the online submission site.

STEPS FOR PREPARING YOUR ABSTRACT

Table 1. Steps for preparing your abstract

Step	Action	Options
1a	Abstract title	<ul style="list-style-type: none"> • Enter your abstract title (no more than 25 words) using uppercase and lowercase letters. Do not enter titles in all caps.
1b	Select an abstract type	<ul style="list-style-type: none"> • Contributed research paper • Contributed research paper (report in progress) • Innovative practice report • Innovative practice report (report in progress)
2	Select the category of the primary (first) author	<ul style="list-style-type: none"> • Faculty/preceptor • Postgraduate student/fellow/postdoctoral scholar • Pharmacy resident • Practitioner • Scientist/researcher • Student pharmacist
3a	Select a research area	<ul style="list-style-type: none"> • APhA-APPM • APhA-APRS Basic • APhA-APRS Clinical • APhA-APRS ESAS
3b	Select a topic	<ul style="list-style-type: none"> • Select a topic area from the list on the online abstract submission site.
3c	Is this an encore presentation?	<ul style="list-style-type: none"> • Select yes or no. If yes, provide citation.
3c	Abstract	<ul style="list-style-type: none"> • Objectives, methods, results, conclusions • Tables and figures • Authors
4	Program policies acknowledgment	<ul style="list-style-type: none"> • Read and affirm the program policies.

STEP DETAILS/INSTRUCTIONS

STEP 1a. Abstract Title

STEP 1b. Select an Abstract Type

Contributed Research Paper

- Abstracts must present the findings of original scientific research using quantitative or qualitative analysis that is relevant to practicing pharmacists and pharmaceutical scientists.
- Acceptable research areas include, but are not limited to, basic sciences; clinical sciences; economic, social, and administrative sciences; clinical/practical implementation and practice management; and/or educational research. Specific topics could include drug metabolism, education/pedagogy, health services, medication safety, patient/population outcomes, pharmacokinetics, pharmacodynamics, pharmacoeconomics, pharmacoepidemiology, pharmacogenomics, pharmacology, or pharmacotherapy. A complete list of topic areas is included in the abstract task.

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- Data collection must be completed by 11:59PM ET on the abstract submission date of Wednesday, October 5, 2022, and must be accompanied by appropriate implication/conclusions. Projects that do not have completed results and conclusions at the time of the submission should be submitted as a report in progress (see below).

Innovative Practice Report

- Abstracts must describe a new idea or strategy for the delivery of patient care—including those that are new to the practitioner's region, system, or practice setting—or a creative application of existing techniques or services.
- Projects must be completed by 11:59PM ET on the abstract submission date of October 5, 2022, and they must be accompanied by appropriate implications/conclusions. Projects that do not have completed results and conclusions at the time of the submission should be considered as a report in progress (see below).

Reports on Projects in Progress: Contributed Research Papers or Innovative Practice Reports

- Submissions may be contributed research papers or innovative practice reports that are in progress but not yet complete, with the submissions summarizing the research or project and the plan for completion.
- Investigators (students, pharmacy residents, graduate students, scientists/researchers, faculty/preceptors, and practitioners) must be in the process of collecting data or implementing an innovative practice. Due to the residency timeline, current pharmacy residents do not have to be in the process of collecting data when they submit their abstracts.
- Data collection/projects must be initiated by the abstract submission date of October 5, 2023, and must be completed by March 1, 2023, so that results, implications, and conclusions are presented at A_{PhA}2023.

Encore Presentations: Contributed Research Papers or Innovative Practice Reports

- Abstracts must meet the submission and evaluation criteria for original papers submitted to A_{PhA}2023, with the exception that the paper has been previously presented at a local, state, or national meeting within 12 months of the submission deadline.
- Abstracts must include the original citation.

STEP 2. Select the Category of the Primary (First) Author

Select the category that best describes the primary (first) author's status at the time the research was conducted. Select one of the categories described below:

Faculty/Preceptor

This category is for individuals who are involved in the education and training of student pharmacists at schools and colleges of pharmacy, and for individuals who precept student pharmacists and pharmacy residents.

Postgraduate Student/Fellow/Postdoctoral Scholar

Postgraduate students who are pursuing a MS or a PhD degree, fellows, and postdoctoral scholars are invited to submit abstracts on projects involved in discovery, integration, or application of knowledge in the pharmaceutical sciences to improve patient health. **Abstracts submitted in the postgraduate student category must list the student/fellow as the primary (first) author.**

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Pharmacy Resident

Current pharmacy residents are invited to submit abstracts in this category. Pharmacy residents whose projects are not completed prior to the abstract submission must submit in the projects in progress category to be eligible to participate in the APhA-APPM Presentation Merit Award competition. Due to the residency timeline, current pharmacy residents do not have to be in the process of collecting data or have completed the project upon abstract submission. **Abstracts submitted in the Pharmacy Resident category must list the pharmacy resident as the primary (first) author and include contact information for the residency director.**

Practitioner

Pharmacists involved in delivering, managing, or educating about pharmacist-provided services related to patient care outcomes and/or research are invited to submit abstracts in this category. **If you are currently a pharmacy resident, submit under the pharmacy resident category, not under the practitioner category.**

Scientist/Researcher

Researchers involved in discovery, integration, or application of knowledge in the pharmaceutical sciences to improve patient health care invited to submit abstracts in this category. Individuals conducting research in the pharmaceutical sciences, clinical sciences, or ESAS may submit abstracts in this category.

Student Pharmacist

Student pharmacists who are pursuing a PharmD degree are invited to submit abstracts on projects undertaken during pharmacy-related studies in this category. **Abstracts submitted in this category must list the student pharmacist as the primary (first) author and include contact information for the student's advisor. The advisor will be notified upon submission of the abstract. IF THE ADVISOR IS A COAUTHOR, INCLUDE THE ADVISOR AS A COAUTHOR WHEN YOU COMPLETE THE AUTHOR LISTING. OTHERWISE, THE ADVISOR WILL NOT BE LISTED AS A COAUTHOR.**

STEP 3a. Select a Research Area

Select the research area that best describes the domain of pharmacy research represented in your abstract. Your selection will determine the composition of the review team assigned to evaluate your abstract. The research areas are

A_{Ph}A-APPM: Practice-Based Pharmacy

This research area includes projects involving pharmacists practicing in a variety of patient care settings such as health-system inpatient, community pharmacy, ambulatory clinic, integrated care setting, long-term care, managed care, and physician office practice. Research projects that address the development and implementation of pharmacist-provided patient care services may be included in this area.

A_{Ph}A-APRS: Basic Sciences

The basic sciences research area includes wide-ranging basic science research projects from academia, government, and industry. Research topics may include chemical structure/biological activity and chemical structure/physicochemical property relationships; concepts in pharmaceutical technology, biotechnology, and drug delivery; and the basic chemistry on which these areas are founded.

A_{Ph}A-APRS: Clinical Sciences

Research in clinical sciences includes unique multidisciplinary interactions between clinical scientists and practitioners committed to expanding knowledge of the safe and ef-

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fective use of medications. Research projects addressing the development and evaluation of drugs and biologics in health care settings and controlled research environments may be included in this area.

A_{Ph}A-APRS: Economic, Social, and Administrative Sciences (ESAS)

The ESAS research area is intended for projects in health services research, policy, and administration with application to medications and patient care. ESAS is multidisciplinary, including the fields of public health, epidemiology, economics, health services research, outcomes research, biostatistics, medical sociology, law, health care administration and management, operations research, pharmaceutical marketing, marketing research, technology assessment and applications, and public and private reimbursement programs. The audience includes scientists, educators, practitioners, government managers, and other health care system representatives.

STEP 3b. Select a topic area

Select a topic area from the list on the online abstract submission site. This list is meant to be as inclusive as possible; however, if your abstract does not fit into one of the topic areas listed, please use the emerging topic designation. The purpose of selecting a topic area is to appropriately group the abstracts both for publication in JAPhA and for the poster presentations.

STEP 3c. Abstract

Writing An Abstract

An abstract is a summary of a project that offers a conclusion based on results.

- Abstracts are limited to a total of 600 words and must include the following sections in sequence:
 - Background/objective(s)
 - Methods (e.g., design, setting, patients/participants, data collection, analysis plan, and/or other appropriate qualitative methods)
 - Results (or preliminary results for reports on projects in progress)
 - Implications/conclusions
- Supporting tables and figures
 - Supporting tables or figures may be submitted for all types of submissions, including contributed research papers, innovative practice reports, reports on projects in progress, and encore presentations.
 - The use of tables and figures is optional, but you must either upload a table or figure or check the box stating that you do not have additional files to upload.
 - Do NOT reference or call out the tables and figures in your abstract.
 - Tables and figures should be self-explanatory and serve to supplement the material in the abstract.
 - Label submitted tables and figures. A brief explanatory legend for a table or figure is optional.
 - The abstract title, tables, and figures are not counted toward the 600-word limit.

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Authors

- Collect all of your authors' information (names, email addresses, and financial disclosures, etc.) before you begin the submission process.
- Enter all of your authors, choosing their role(s) from the dropdown list. If you are a student or resident, you must include your preceptor/advisor's name and contact information. They will be copied on all correspondence.
- Enter the financial disclosures over the past 24 months for all of your authors.

Financial Disclosure

Abstract authors are required to disclose all relevant financial relationships over the past 24 months. APhA will collect this information from abstract authors during the online submission process.

The Accreditation Council for Pharmacy Education's Standards for Integrity and Independence in Accredited Continuing Education require that all continuing pharmacy education providers "...must ensure that all decisions related to the planning, faculty selection, delivery, and evaluation of accredited education are made without any influence or involvement from the owners and employees of an ineligible company." "Ineligible companies" are defined as those whose primary business is producing, marketing, selling, reselling, or distributing health care products used by or on patients. Everyone in a position to control the content of an education activity is required to disclose "all their financial relationships within the prior 24 months." Financial relationships are those in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honorarium, or other financial benefit. Financial benefits usually are associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking, teaching, membership on advisory committee or review panel, board membership, or any other activities in which remuneration is received or expected. Ownership interests (e.g., ownership of stocks, stock options, or similar interests, excluding diversified mutual funds) also qualify as financial relationships.

Authors who have no relevant financial relationships must state that they have nothing to disclose.

STEP 4. Program Policies Acknowledgment

- Read and affirm the APhA Contribute Papers Program policies.

Abstract Submission

All abstracts must be submitted via APhA's online abstract management system. To access the system, go to the abstract submission site at <https://www.abstractscorecard.com/cfp/submit/login.asp?EventKey=LSJMPTBE>.

Tips for success

- Give yourself adequate time before the submission deadline to input your abstract into the online system so you have time to resolve any technology issues that might arise.
- Once the abstract is saved as final, it is NOT possible to edit it, nor is it possible to change any category selection. If it is accepted, it will be published exactly as it is submitted.
 - Be certain that your abstract is complete, proofread, and that all the selections you make to categorize your abstract are accurate before finalizing it.
 - Changes cannot be made if the abstract is submitted incorrectly.
 - A confirmation screen will be shown after the abstract is successfully submitted.

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- Use mixed capital and lowercase letters (as appropriate) in the abstract title.
- Do NOT include any identifying information such as authors' names, affiliations, and/or site names anywhere in the abstract. This information will be obtained during the online abstract submission process.
- The study's objective should be the first sentence of the abstract.
- The abstract should be clearly worded and concise.
- Graphs, tables, and illustrations are not permitted in the body of the abstract. These can be uploaded in the tables and figures upload task.
- Avoid trademark symbols, subscripts, and superscripts.
- Use standard abbreviations for units of measure; spell out acronyms in full at first mention and abbreviate thereafter.
- Proofread for spelling, grammatical, and typographical errors. Abstracts are published as received.
- Pharmacy residents and students should work with their residency director or faculty advisor, respectively, to ensure the best possible abstract submission.

How to submit your abstract

- All abstracts must be submitted via APhA's online abstract management system. To access the system, go to the abstract submission site at <https://www.abstractscorecard.com/cfp/submit/login.asp?EventKey=LSJMPTBE>.
- After completing your abstract, you must click on the submit button. **Your abstract is not considered final until you click on the submit button.**
- All authors will receive a confirmation email following the final submission of the abstract.

Submission deadline: Wednesday, October 5, 2022

**Abstracts will be accepted until 11:59PM ET on October 5, 2022.
Abstracts will NOT be accepted after this date under any circumstances.**

Review Process

All abstracts undergo double-blinded peer review. Each abstract will be evaluated using the evaluation criteria on the following pages. Note that there are separate criteria for contributed research papers, innovative practice reports, and projects in progress within each of these categories. Encore presentations should follow the criteria for contributed research papers or innovative practice reports, depending on the submission type.

**Authors will be notified in January 2023 of the status of their submissions.
Notifications will be emailed to the APhA email provided during the submission process.**

Criteria for Evaluating Submitted Abstracts

Abstracts submitted to the APhA Contributed Papers Program will be evaluated according to the following criteria (note that the criteria are listed for each type of submission):

Contributed Research Paper Evaluation Criteria

1. Relevance/originality

- a. Rationale for the study are clearly defined.
- b. Topic makes important contribution to pharmacy practice (e.g., patient care, pharmacy operations, pharmacy profession) or theoretical basis of pharmaceutical sciences because it is original or of vital importance to the profession.

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2. Research questions/objectives

- a. Question(s) to be answered or objectives to be met by research are clearly stated.

3. Methods

- a. Evaluation of the methods considering all the following which are applicable for the type of research being presented:
 - i. Measurement
 - ii. Study design
 - iii. Data collection process, sampling strategy, and/or sources of data
 - iv. Data analysis clearly specified

4. Results

- a. Findings are reported for each study objective or research question.

5. Implications/conclusions

- a. Implications of findings to pharmacy practice, policy theory, or further research are discussed.
- b. Conclusions are appropriately stated based on the results.

Contributed Research Paper: Projects in Progress Evaluation Criteria

1. Relevance/originality

- a. Rationale for the study are clearly defined.
- b. Topic makes important contribution to pharmacy practice (patient care, pharmacy operations, pharmacy profession) or theoretical basis of pharmaceutical sciences because it is original or of vital importance to the profession.

2. Research questions/objectives

- a. Question(s) to be answered or objectives to be met by research are clearly stated.

3. Methods

- a. Evaluation of the methods considering all the following which are applicable for the type of research being presented:
 - i. Measurement
 - ii. Study design
 - iii. Data collection process, sampling strategy, and/or sources of data

Data analysis clearly specified

1. Preliminary results

- a. Preliminary findings/trends are reported for each study objective or research question.
- b. Preliminary results are not required for the pharmacy resident category.

Innovative Practice Report Evaluation Criteria

1. Relevance/originality

- a. Topic is of vital concern to practitioners, scientists, and/or students.
- b. Topic is original/innovative.

2. Objectives of project

- a. Questions to be answered or objectives to be met by implementation of innovation are clearly stated.

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3. Methods

- a. Evaluation of the methods considering all the following which are applicable for the type of project being presented:
 - i. Project design clearly stated and variables controlled.
 - ii. Data collection process, sampling strategy, and/or sources of data
 - iii. Data analysis procedures target project outcomes and support project objectives

4. Results

- a. Findings are reported for each study objective or research question.

5. Implications/adaptability

- a. Implications of findings to pharmacy practice are stated. Adaptability of innovation to other practice sites or settings is discussed.

Innovative practice report: Projects in progress rubric

1. Relevance/originality

- a. Topic is of vital concern to practitioners, scientists, and/or students.
- b. Topic is original/innovative.

2. Objectives of project

- a. Questions to be answered or objectives to be met by implementation of innovation are clearly stated.

3. Methods

- a. Evaluation of the methods considering all the following which are applicable for the type of project being presented:
 - i. Project design clearly stated and variables controlled
 - ii. Data collection process, sampling strategy, and/or sources of data
 - iii. Data analysis procedures target project outcomes and support project objectives

1. Preliminary results

- a. Preliminary findings/trends are reported for each study objective or research question.
- b. Preliminary results are not required for the Pharmacy Resident category.

Presentation Platforms

Poster presentation

Accepted abstracts will be scheduled for presentation as part of the Meet the Researchers session on Saturday, March 25, 2023, 12:30 pm to 2:30 pm. Poster presentations provide authors with the opportunity to display and informally discuss their work with colleagues. APhA2023 attendees will be encouraged to meet the authors of poster presentations and review this important research. APhA will offer CPE credit. In order to earn this credit, authors are required to present their poster at the Meet the Researchers session and must remain at their poster for the entire two hours.

Abstracts selected for posters will also be displayed on Saturday and Sunday during APhA2023 in a virtual poster gallery. Authors are required to record up to five minutes of audio to accompany their virtual poster.

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Podium Presentations

Some accepted abstracts will be considered for a podium presentation as part of the APhA2023 Day of Science. Prior to the meeting, authors will receive a confirmation letter indicating the date, time, and location of their presentation. Podium presentations are scheduled in 20-minute intervals, with 15 minutes for the presentation and 5 minutes for questions. Podium presenters are not required to display a physical poster. Podium presenters will be required to submit presentation slides by January 15, 2023.

Oral Posters

Some accepted abstracts will be considered for oral poster presentation during the APhA2023 Day of Science. Prior to the meeting, authors will receive a confirmation email indicating the date, time, and location of their presentations, and details of the oral posters program.

Awards Information

APhA offers awards in both the practitioner category through the APhA Academy of Pharmacy Practice and Management (APhA-APPM) and the scientist/researcher category through the APhA Academy of Pharmaceutical Research and Science (APhA-APRS). Investigators whose abstracts are eligible for consideration for an award will be notified during the review process. Awards programs include the following.

APhA-APPM Presentation Merit Award

Posters evaluated and presented under the practitioner, pharmacy resident, or student pharmacist categories may be eligible for this award, which recognizes up to 6 professional practitioner or pharmacy resident presentations and two student pharmacist presentations on practice-related subjects. (For a student pharmacist or pharmacy resident presentation to be considered for recognition, the primary author must be the student pharmacist or resident who is listed first on the abstract.) Recipients receive a special recognition ribbon and a certificate.

To be eligible for this award, the primary author must

- Be an APhA member at the time of submission
- Submit one of the following abstract categories
 - Contributed research paper
 - Innovative practice report
 - Reports on projects in progress: pharmacy resident submissions only (note: only reports on projects in progress posters in the pharmacy resident category are eligible to be considered for the award)
- Submit an abstract in the practitioner, pharmacy resident, or student pharmacist primary author categories on a topic related to pharmacy practice or management
- Attend and present the paper in contributed papers program at APhA2023

APhA-APRS Postgraduate Best Paper Award

Graduate students, pharmacy residents, fellows, and postdoctoral scholars who are the principal authors of contributed papers they present during APhA2023 are eligible for the Postgraduate Best Paper Award.

An award is given in each of the following categories:

- Basic sciences
- Clinical sciences
- Economic, social, and administrative sciences (ESAS)

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To be eligible for this award, the principal author must

- Be an APhA member at the time of submission
- Submit an abstract in the contributed research paper category
- Submit an abstract in the appropriate APhA-APRS (scientist/researcher) primary author category
- Have been a postgraduate student (master's or doctoral degree candidate), pharmacy resident, fellow, or postdoctoral scholar when the research was conducted. If the research was conducted when you were pursuing a PharmD degree, you are not eligible for this award.
- Be a postgraduate who is the first (primary) author on the abstract
- Attend and present the abstract in either via podium presentation or the Contributed Papers Program at APhA2023

**For more information on the awards program, please contact
Margaret Tomecki
at mtomecki@aphanet.org or 202-429-7559.**

Abstract Publication

All accepted posters that are presented at APhA2023 will be epublished in the July/August 2023 edition of JAPhA at www.japha.org. Abstracts submitted as encore presentations are not published in their entirety; for these abstracts, only the title, authors, and original citation will be published in JAPhA.

Authors of accepted abstracts are encouraged to submit their work for consideration in an APhA periodical such as JAPhA or the Journal of Pharmaceutical Sciences. If authors wish to pursue publication elsewhere, permission is not needed from APhA as no rights or interests of materials presented are maintained by the association unless explicitly stated otherwise (e.g., work funded by APhA).

Questions?

Questions on subject matter, submission categories, presentation options, the review process, or the online submission process should be directed to Patricia Szybist at pszybist@aphanet.org. Assistance is available on weekdays, Monday through Friday, 7:00 am to 4:00 pm ET.